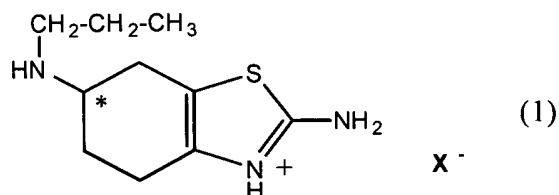


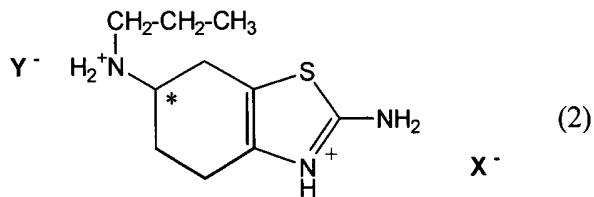
I Claim:

1. A monobasic acid addition salt of 2-amino-6-propylamino- 4,5,6,7-tetrahydrobenzthiazole, having the general formula (1)



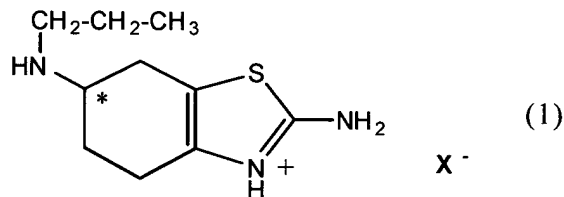
wherein X is a monovalent anion derived from an acid.

2. The salt according to claim 1, wherein the anion X is derived from an acid selected from the group consisting of hydrochloric, hydrobromic, hydroiodic , nitric, benzoic, acetic, methane sulfonic, ethane sulfonic, trifluoromethane sulfonic, benzene sulfonic, and p-toluene sulfonic acids.
3. The salt according to claim 1 wherein X is a chloride anion, a bromide anion, or a methane sulfonate anion.
4. A mixed acid addition salt of 2-amino-6-propylamino 4,5,6,7-tetrahydrobenzthiazole, having the general formula (2):

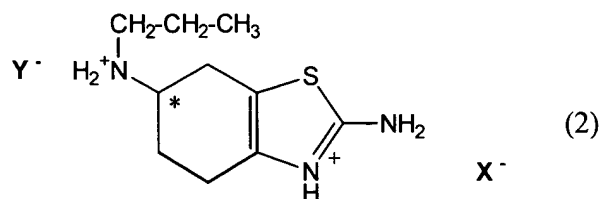


wherein X is a monovalent anion derived from an acid and Y is an anion derived from an optically active acid.

5. The mixed salt according to claim 4, wherein Y is an anion derived from an acid selected from the group consisting of L-tartaric acid, ditoluoyl-D-tartaric acid, and dibenzoyl-D-tartaric acid.
6. The mixed salt according to claim 4 which is 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monohydrochloride monotartrate, 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monohydrobromide monotartrate, or 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monomethanesulfonate dibenzoyl-D-tartrate.
7. The mixed salt according to claim 4, wherein at least 80% of the 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzthiazole moiety is in the (S) configuration.
8. A process which comprises:  
 reacting in a solvent a mixture of (R) and (S) monobasic acid addition salts of 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzthiazole having the formula (1)



wherein X is a monovalent anion derived from an acid,  
 with an optically active acid to form (R) and (S) diastereomeric mixed  
 salts having the formula (2)



wherein X is a monovalent anion derived from an acid and Y is an anion derived from said optically active acid; and

preferentially precipitating one of said (R) and (S) diastereomers from the solvent to form separated optically enriched (R) and (S) diastereomers.

9. The process according to claim 8, wherein said precipitation occurs spontaneously during or after said reaction.
10. The process according to claim 8, wherein said precipitation is induced by reducing the temperature of the solvent.
11. The process according to claim 8, wherein said solvent is selected from the group consisting of methanol, ethanol, acetone, dioxane, ethyl acetate, mixtures thereof, and mixtures of one or more with water.
12. The process according to claim 8, wherein said mixture of (R) and (S) monobasic salts of formula (1) are selected from the group consisting of 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monohydrochloride, 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monohydrobromide, and 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monomethanesulfonate.
13. The process according to claim 8, wherein said diastereomeric mixed salts of formula (2) are selected from the group consisting of 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monohydrochloride monotartrate, 2-amino-6-

propylamino-4,5,6,7-tetrahydrobenzothiazole monohydrobromide monotartrate, and 2-amino-6-propylamino-4,5,6,7-tetrahydrobenzothiazole monomethanesulfonate dibenzoyl-D-tartrate.

14. The process according to claim 8, which further comprises treating one of said optically enriched diastereomers with base to form the corresponding optically enriched (R) or (S) 2-amino-6-propyl-4,5,6,7-tetrahydrobenzthiazole.
15. The process according to claim 14, wherein said precipitated optically enriched diastereomer is treated with said base.
16. The process according to claim 15, which further comprises isolating said precipitated optically enriched diastereomer and dissolving said isolated diastereomer in a second solvent before or during treating with said base.
17. The process according to claim 16, wherein said second solvent is water.
18. The process according to claim 15, wherein the (S) diastereomer is preferentially precipitated from said solvent and is treated with said base to form optically enriched (S)-2-amino-6-propyl-4,5,6,7-tetrahydrobenzthiazole.
19. The process according to claim 18, wherein said enriched (S)-2-amino-6-propyl-4,5,6,7-tetrahydrobenzthiazole has an optical purity of at least 98%.
20. The process according to claim 14, which further comprises reacting said enriched (R)- or (S)-2-amino-6-propyl-4,5,6,7-tetrahydrobenzthiazole with an acid to form the corresponding enriched (R)- or (S)-2-amino-6-propyl-4,5,6,7-tetrahydrobenzthiazole acid addition salt.

21. The process according to claim 19, which further comprises reacting said enriched (S)-2-amino-6-propyl-4,5,6,7-tetrahydrobenzthiazole with hydrochloric acid to form (S)-2-amino-6-propyl-4,5,6,7-tetrahydrobenzthiazole dihydrochloride.
22. The process according to claim 8, wherein said mixture does not contain an equal amount of (R) and (S) monobasic salts.